

Gardner Denver Rotary Screw Compressors

History, Stability & Dependability



GD
GARDNER DENVER

Experience Proven Results™

History, Stability & Dependability

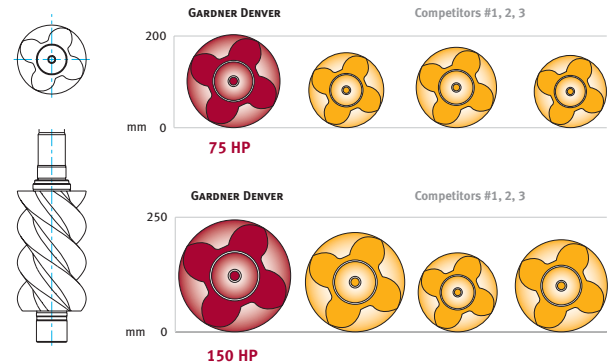
Gardner Denver's engineering ingenuity began in Quincy, IL, a Mississippi River town, in 1859. Gardner Denver today continues to be a stable, dependable partner for the world's demanding and ever-changing industrial product needs.

Experience Proven Results

- 150 Years of Manufacturing Excellence
- 110 Years of Air Compressor Engineering
- 50 Years of Rotary Screw Compressor Innovation

Quality & Reliability

- Commitment to Direct Drive Technology
- Large rotors and bearings for greater efficiency and slow speed operation for longer life (rotor size comparison below)



- Variable speed design with matched motor, drive, and airend for maximum energy efficiency and superior reliability

Customer Service

- Headquarters in Quincy, IL USA
- Thousands of installations worldwide
- **Gardner Denver Authorized Distributors:** average 20+ years of compressed air experience
- Experienced, dependable service technicians
- Sales consultants that know the correct compressed air product for each compressed air application

1961
Rota-Screw
introduction

1970's
Electra-Screw
installation

1980's
Electra-Saver
mission
critical
location

present
VS Series
energy-saving
installation

Partnership for Success

For half a century, Gardner Denver rotary screw compressors have been the most trusted partner for the world's compressed air needs. From low horsepower at the local body shop to high horsepower at the largest of manufacturing plants, Gardner Denver rotary screw compressors continue to perform, maintaining production at the highest level. Whether it's a 24/7/365 constant air demand or a fluctuating day-to-day or shift-to-shift compressed air requirement, Gardner Denver provides the broadest range of rotary screw compressors to maximize productivity and energy savings.

“It's the all-day, every-day dependability and service that really matter.”



GD APEX – Peak Performance

- 5–15hp
- Up to 59 ACFM
- 110–175 PSIG
- Low Noise

The Workhorse of Low Horsepower!



GD Integra – Simple Reliability

- 20–50hp
- Up to 225 ACFM
- 100–175 PSIG
- Low Noise

Integrated Design = Small Footprint & Serviceability



GD Electra-Screw – Trusted Value

- 40–50hp
- Up to 212 ACFM
- 100–175 PSIG
- Low Noise Enclosures Available

Thousands of Installations!



GD Electra-Saver II – Slow Speed Reliability

- 15–200hp
- Up to 1000 ACFM
- 100–175 PSIG, 200 PSIG Select Models
- Slow Speed Operation

Direct Drive (most models) & Oversized for Dependability



GD Electra-Saver – Turn-Valve Efficiency

- 50–500hp
- Up to 2580 ACFM
- 100–150 PSIG, 175 PSIG Select Models
- Slow Speed Operation

Direct Drive (most models) with Variable Displacement Efficiency



GD VS Series – Constant Efficiency

- 15–335hp (11–250kW)
- Up to 1553 ACFM
- Variable Speed
- Direct Drive 20 – 250kW

Energy Efficient Across the Entire Operating Range



GD VST Series – Ultimate Efficiency

- 75–350hp (55–260kW)
- Up to 2032 ACFM
- Two Stage Variable Speed
- Direct Drive

THE Most Efficient Rotary Screw Compressor!



GD EnviroAire – Oil-free Energy Efficiency

- 20–150hp
- Up to 634 ACFM
- Variable Speed
- Direct Drive Slow Speed Operation

True Oil-less Compressor for Environmental Responsibility



Dryers & Filters – Available for All Models

ESP 20/20



The Future

ESP20/20 Remote Monitoring

ESP 20/20 is a wireless remote monitoring solution that transforms the air compressor to an intelligent asset providing system performance and advisory notification.

- Reduce the risk of compressor downtime
- Monitor critical compressor operating parameters
- Receive automatic notification for routine maintenance
- Monitor multiple machines from one location any place, any time
- Wireless platform eliminates:
 - IP configuration and network setup
 - IT expert access for installation

An air compressor with the intelligent ESP 20/20 monitoring system is the only easy way to insure the compressed air system is operating efficiently, at the optimum levels, and with the least possible downtime.

Gardner Denver[®]

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